

DOCKET NO. **TI-35639**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Applicant: **Masood Murtuza**
Serial No.: **Unknown**
Filed: **Herewith**
For: ***SUPPORT STRUCTURE FOR LOW-K DIELECTRICS***
Art Unit: **Unknown**
Examiner: **Unknown**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

1. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, publications and other information listed on the attached PTO-1449. A copy of each listed foreign patent document and other publication is enclosed. No U.S. Patents nor any published U.S. Patent Applications are enclosed.

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

(a)____ Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.

(b)____ Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".

3. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):

(a) X Within 3 months of the filing date or date of entry into the National Stage.

(b)____ Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 20-0668 for consideration of this Statement.

- (c)_____ After the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final action or a notice of allowance.
- (1)_____ The required certification is given below, or
- (2)_____ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p) for consideration of this Statement, or
- (3)_____ Charge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 20-0668.
- (d)_____ After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. Petition hereby is made for consideration of this Statement and the required certification is indicated below.
- (1)_____ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(i)(1), or
- (2)_____ Charge the fee set forth in 37 C.F.R. 1.17(i)(1) to Deposit Account No. 20-0668.
4. Certification (if applicable)
- (a)_____ The undersigned hereby certifies that each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.
- (b)_____ The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than 3 months prior to the filing of this Statement.
5. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 20-0668.

Respectfully Submitted,

TAROLLI, SUNDHEIM, COVELL, & TUMMINO L.L.P.

By: Christopher P. Harris
Christopher P. Harris
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Masood Murtuza
Art Unit	
Examiner Name	
Attorney Docket Number	TI-35639

Sheet	1	of	2
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U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

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Examiner Signature	Date Considered
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	Unknown
		Filing Date	Herewith
		First Named Inventor	Masood Murtuza
		Art Unit	Unknown
		Examiner Name	Unknown
Sheet 2	of 2	Attorney Docket Number	TI-35639

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		K. BUCHANAN, et al., "Challenges Associated with the Integration of Nano-Porous Ultra Low k CVD Films", SEMI Technical Symposium, p. 1-2, 2002	
		L. PETERS, "Removing Barriers to Low-k Dielectric Adoption", http://www.reed-electronics.com/semiconductor/index.asp?layout=articlePrint&... , Last Viewed 8/26/03, p.1-6	
		International SeMaTech, "Benchmarking Ultra Low-K Materials: Nanoglass Shows Promise", http://www.sematech.org/public/news/stories/nanoglass.com , Last Viewed 8/26/03, p. 1-2	
		"Axcelis, Dow Corning Develop Porous Ultra-Low-K Process", http://www.reed.electronics.com/electronicnews/index.asp?layout=articlePrint&... , Last Viewed 8/26/03, p. 1	
		"Nanoporous Ultra-Low Dielectric Constant Materials", http://www.ncnr.nist.gov/programs/reflectometry/highlights/nano/ , Last Viewed 8/26/03, p. 1-3	

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